



Features

- Low Insertion Loss
- Wide pass band
- High Channel Isolation
- High Stability and reliability

Applications

- Channel Add/Drop
- DWDM Network
- Fiber Optical Amplifier

Specifications

Parameter	Single Fiber OADM			Dual Fiber OADM			
	1 Ch Add/ Drop	2 Ch Add/ Drop	4 Ch Add/ Drop	1 Ch Add/ Drop	2 Ch Add/ Drop	4 Ch Add/ Drop	8 Ch Add/ Drop
Channel Wavelength	ITU 100 GHz Grid						
Center wavelength Accuracy	± 0.05 nm						
Channel Spacing	100 GHz						
Channel Passband	± 0.11 nm (@-0.5dB bandwidth)						
Insertion Loss with Connector	Uni-di: ≤ 1.0 dB Bi-di: ≤ 1.2 dB	Uni-di: ≤ 1.2 dB Bi-di: ≤ 1.8 dB	Uni-di: ≤ 1.8 dB Bi-di: ≤ 2.8 dB	Uni-di: ≤ 1.0 dB Bi-di: ≤ 1.2 dB	Uni-di: ≤ 1.8 dB Bi-di: ≤ 1.8 dB	Uni-di: ≤ 2.8 dB Bi-di: ≤ 2.8 dB	Uni-di: ≤ 3.5 dB Bi-di: ≤ 3.5 dB
Channel Uniformity	≤ 1.0 dB						
Channel Ripple	≤ 0.3 dB						
Isolation Adjacent	> 28 dB						
Isolation Non-adjacent	> 40 dB						
Polarization Dependent Loss	< 0.15 dB						
Polarization Mode Dispersion	< 0.1 PS						
Directivity	> 50 dB						
Return Loss	> 45 dB						
Maximum Power Handling	500 mW						
Operating Temperature	-20 °C ~ +70 °C						
Storage Temperature	-40 °C ~ +85 °C						
Packaging Dimension	19"case packaging: 540mm x 320mm x 120mm						
Weight	Chassis: 1.47KG						

Wavelength Plan

## ITU Channel	Wavelength	Frequency (THz)
21	1560.61	192.1
22	1559.79	192.2
23	1558.98	192.3
24	1558.17	192.4
25	1557.36	192.5
26	1556.55	192.6
27	1555.75	192.7
28	1554.94	192.8
29	1554.13	192.9
30	1553.33	193.0
31	1552.52	193.1
32	1551.72	193.2
33	1550.92	193.3

## ITU Channel	Wavelength	Frequency (THz)
34	1550.12	193.4
35	1549.32	193.5
36	1548.51	193.6
37	1547.72	193.7
38	1546.92	193.8
39	1546.12	193.9
40	1545.32	194.0
41	1544.53	194.1
42	1543.73	194.2
43	1542.94	194.3
44	1542.14	194.4
45	1541.35	194.5
46	1540.56	194.6

## ITU Channel	Wavelength	Frequency (THz)
47	1539.77	194.7
48	1538.98	194.8
49	1538.19	194.9
50	1537.40	195.0
51	1536.61	195.1
52	1535.82	195.2
53	1535.04	195.3
54	1534.25	195.4
55	1533.47	195.5
56	1532.68	195.6
57	1531.90	195.7
58	1531.12	195.8
59	1530.33	195.9
60	1529.55	196.0

Ordering Information

Accessory:

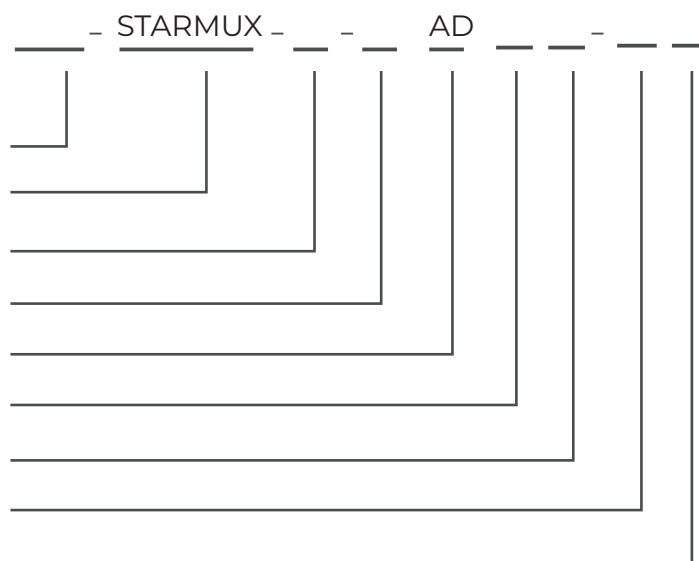
SVR-STARMUX-19R

Starview 19" Rack Mountable STARMUX chassis for up to 2 x STARMUX OADM module or STARMUX module

SVR-BRACKET-23

Starview L-Bracket - 23" RACK MOUNT EAR KIT for STARMUX and STARTAP chassis

Manufacturer:	SV: STARVIEW
Type:	DWDM MUX/DEMUX
Direction:	Uni-direction: UD Dual-direction: DD
Channel #	1/2/4/8
Type:	Optical Add and Drop Module: AD
First Channel #	21: Channel 21.....60: Channel 60
End Channel #	21: Channel 21.....60: Channel 60
Fiber Type:	S: Simplex Type D: Duplex Type
COM Connectors:	LCA: LC/APC LCU: LC/UPC



Example:

SV-STARMUX-UD-8AD2128-DLCU

Starview STARMUX 8-Channel Uni-direction Optical Add and Drop Module (OADM) with 100GHz spacing DWDM CH21 to CH28 (Duplex LC/UPC) and 1 x Duplex LC/UPC COM ports